

FEDERAL Y COM #1

1980' FNL & 1650' FEL, Sec 27; Unit G,  
T-20-S R-33-E  
Eddy County, New Mexico

REMKs: DST NO. 1 11675-11756 WOLFCAMP TO EVALUATE LIMESTONE ZONE 11694-11712 BY TELEFLOW TST: ON 5-MIN INITIAL PRE-FLOW AVG CLOSED CHAMBER FLOW RATE OF 98 MCFPD WAS CALCULATED. RAN 90-MIN ISIBHP BUT PKRS GAVE WAY BEFORE FINAL FLOW. REC 1528 FT OR 21.4 BBLS FRESH W CUSHION 1053 FT OR 14.7 BBLS DRLG MUD WITH 70000 MPL CHLORIDES AND RESISTIVITY 0.14 AT 58 DEG F AND 4 FT OR 0.1 BBL OF FREE OIL 45 DEG API AT 60 DEG F. IHH 5628 PSI. 5-MIN IFBHP 791-765. 90 MIN ISIBHP 5603. FHH 5641 PSI. BHT 160 DEG F. DST #2 11697-11756 WOLFCAMP RE-TEST TO EVALUATE LIMESTONE ZONE 11694-11712 BY TELEFLOW TST: ON 6-MIN INITIAL PRE-FLOW AVG CLOSED CHAMBER FLOW RATE OF 13.3 MCFPD WAS CALCULATED. RAN 90-MIN ISIBHP WITH SURF PRS INC TO 0.4 PSI - GAS BREAKING OUT OF W CUSHION. ON 45-MIN FINAL FLOW AVG CLOSED CHAMBER FLOW RATE WAS CALCULATED WITH INDICATIONS OF LOW PERMEABILITY. RAN 175-MIN FINAL SIBHP WITH SURF PRS INC TO 7.7 PSI. LIQUID REC OF 0.5 BBLS INDICATED BY BLOWDOWN. REC 5 FT OR 0.1 BBL FREE O 45 DEG API AT 60 DEG F 1584 FT OR 17.9 BBLS FW CUSHION X 30 FT OR 0.4 BBL DRLF MUD X CHLORIDES 75000 MPL X RESISTIVITY 0.12 AT 58 DEG F. SAMPLE CHAMBER REC AT 360 PSI OF 3.7 CU FT OF GAS X 1380 CC OF O 45 DEG API AT 60 DEG F. GOR 425. PIT MUD SAMPLE 78000 MPL X 0.12 AT 58 DEG F. IHH 5564 PSI. 6-MIN IFB HP 752-747 PSI. 90 MIN ISIBHP 5564 PSI.

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